BRIGGS & STRATTON

Home Generator Systems

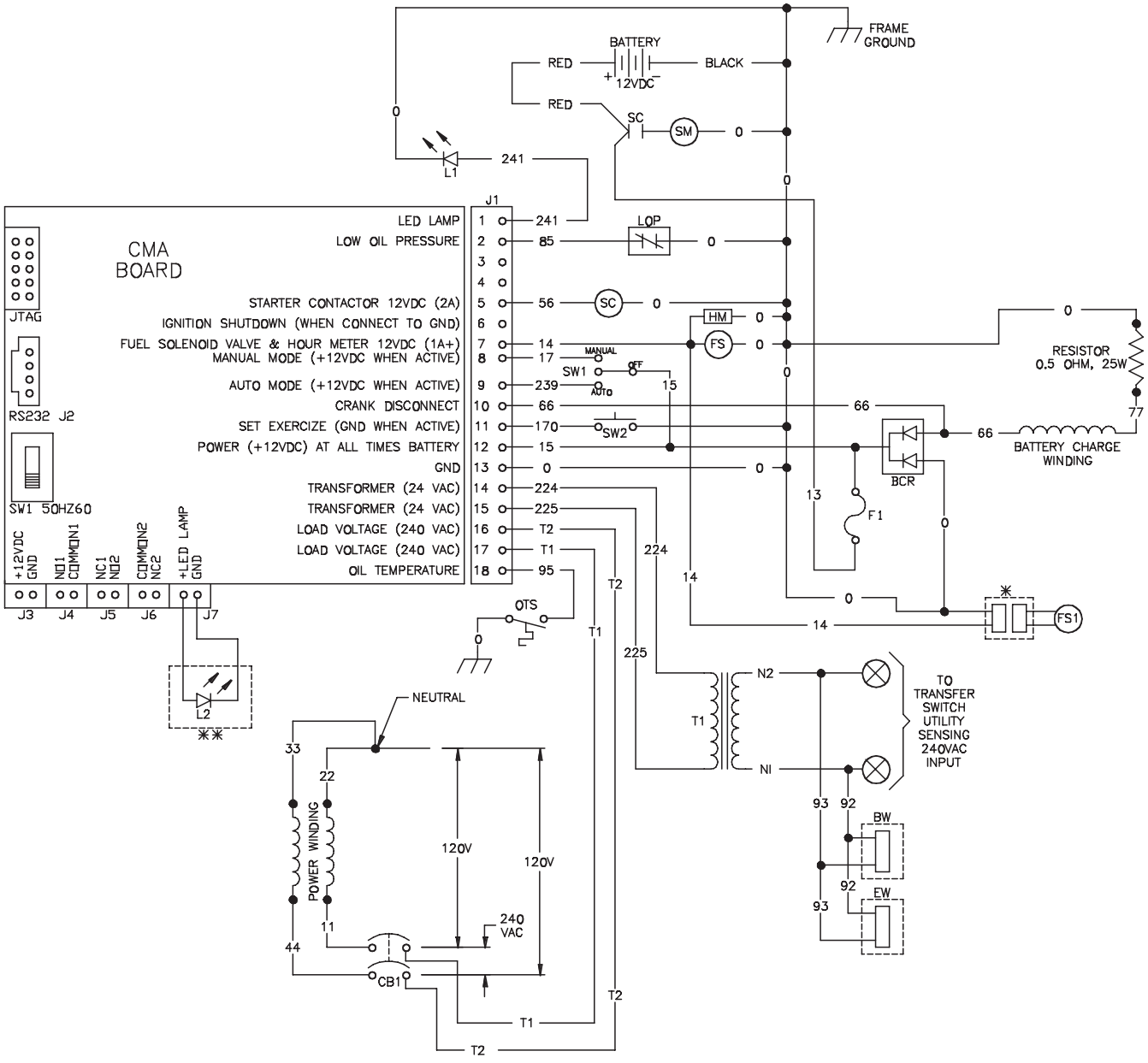
Illustrated Parts List

Model 01815

12000 Rated Watts Home Generator System

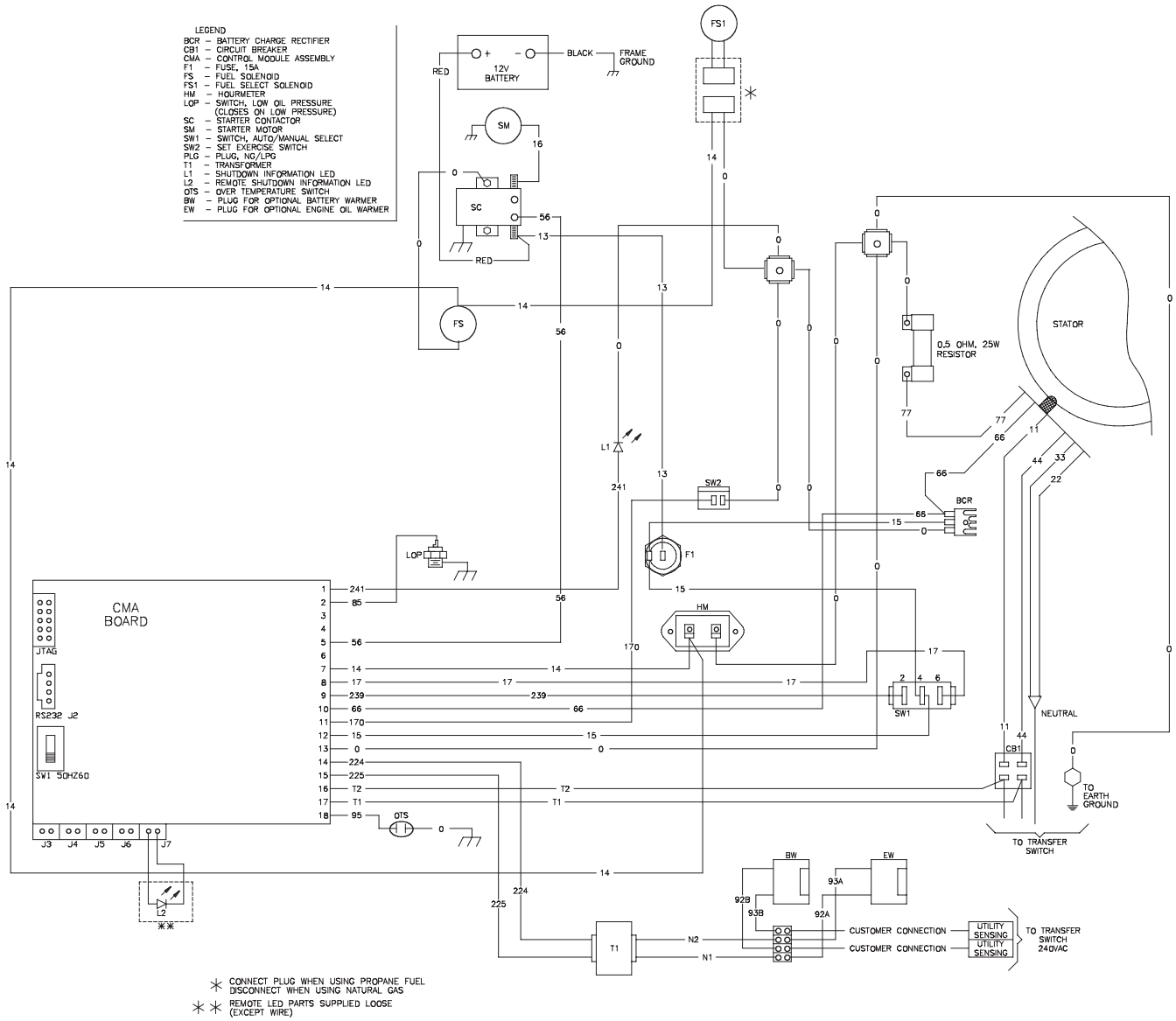
Manual No. 193205A Rev. L (05/19/2008)

UNIT SCHEMATIC DIAGRAM

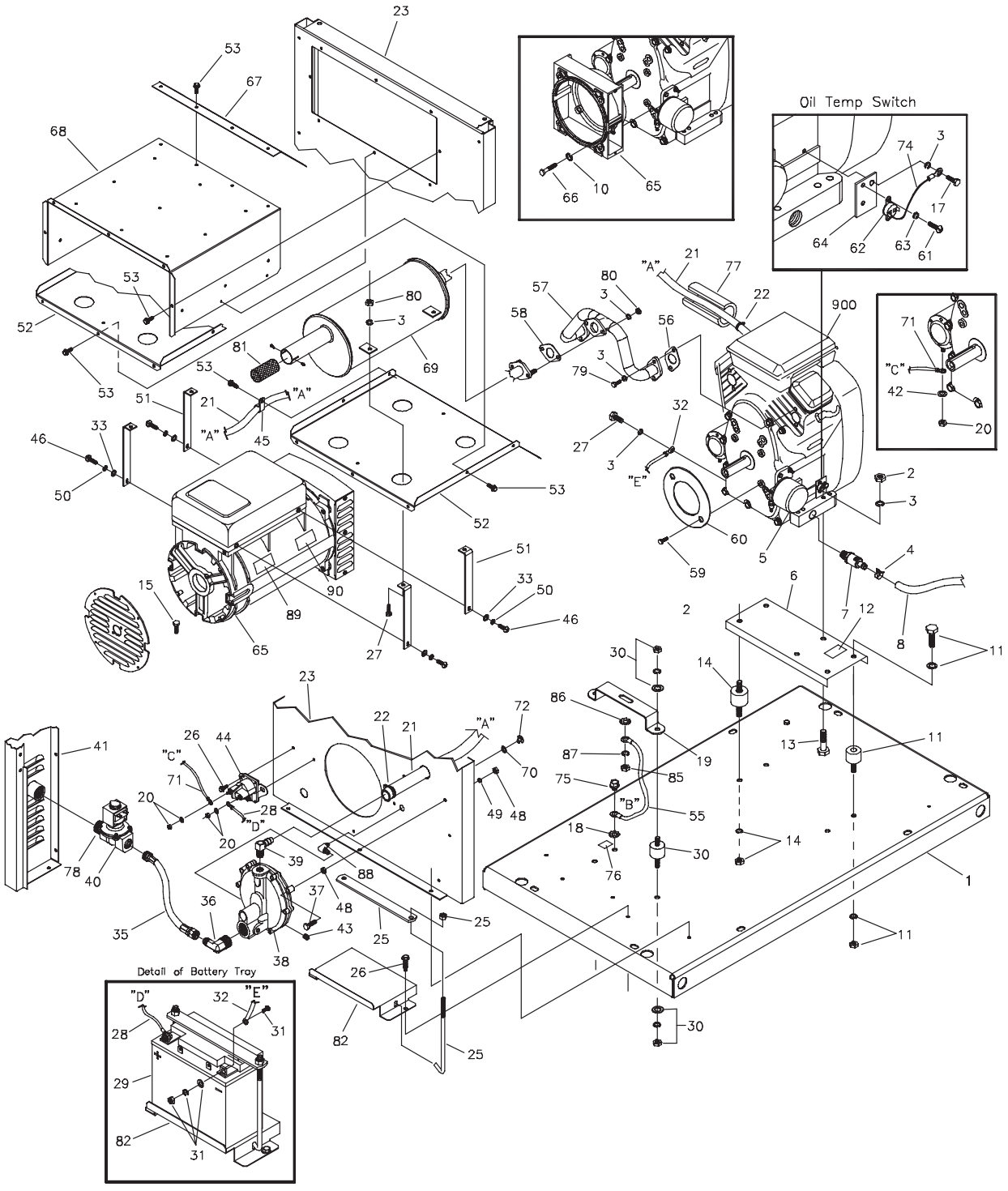


Copyright © 2008 Briggs & Stratton Power Products Group, LLC. All rights reserved. No part of this material may be reproduced or transmitted in any form by any means without the express written permission of Briggs & Stratton Power Products Group, LLC.

UNIT WIRING DIAGRAM



UNIT EXPLODED VIEW



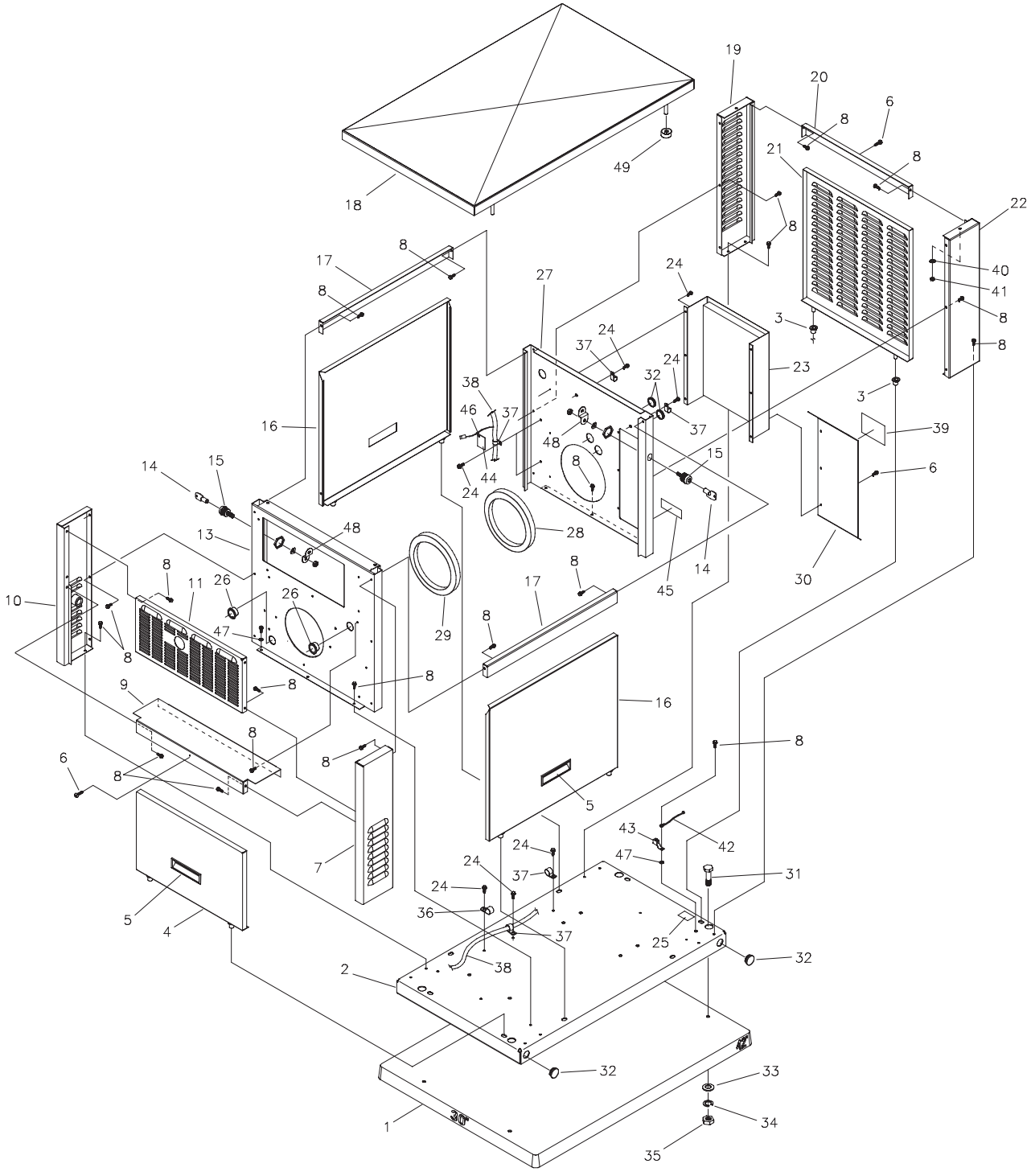
UNIT PARTS LIST

Item	Part #	Description
1	H185972GS	BASE, Mount
2	*	NUT, 5/16" - 18
3	*	LOCKWASHER, 5/16" - M8
4	48031JGS	CLIP, Hoseband
5	492932S	FILTER, Oil
6	H186285GS	PAN, Engine Mounting
7	186071GS	VALVE, Oil Drain
8	186430GS	HOSE, Oil Drain
10	*	LOCKWASHER, 3/8"
11	194254GS	KIT, Vibration Mount
12	186649GS	DECAL, Oil Drain
13	*	HHCS, 5/16" - 18 x 1-3/4"
14	194259GS	KIT, Vibration Mount
15	*	HHCS, M10 - 1.5 x 30 Lg
17	*	HHCS, M8 - 1.25 x 12
18	*	WASHER, 3/8 Ext., Shakeproof
19	H188046GS	SUPPORT, Alt.
20	194251GS	KIT, Starter Contact Hardware
21	186152GS	HOSE, Gas Regulator to Engine
22	57822GS	CLAMP, Hose
23	H191972GS	BULKHEAD, Alternator Side
25	194250GS	KIT, J-Bolt & Battery Strap
26	B4300GS	SWAGE BOLT, 1/4" - 20 x 1/2"
27	*	HHCS, M8 1.25 x 16
28	188574GS	CABLE, Battery Positive
29	188443GS	BATTERY, 33AH, w/Hardware
30	194253GS	KIT, Vibration Mount
31	194252GS	KIT, Battery Hardware
32	188573GS	CABLE, Battery Negative
33	*	WASHER, Flat, #10
35	186148GS	HOSE, Gas - regulator
36	186151GS	ELBOW, Brass, 3/4" NPT x 1/2" Gas
37	*	HHCS, M6 - 1.0 x 30
38	193291GS	REGULATOR, Gas Fuel
39	186150GS	ELBOW, Brass 3/8 NPT
40	B4773GS	SOLENOID, Gas Fuel
41	191409GS	ASSY, Corner, LH, SRV
43	96137GS	PLUG, 1/8" - 27
44	691656	SOLENOID, Bracket
45	192669GS	CLAMP, Hose, "J"
46	*	HHCS, #10 - 32 x 3/4" Lg.
47	187049GS	PLUG, Dome
48	*	NUT, M6 - 1.0
49	*	LOCKWASHER, M6 - 1/4"
50	*	LOCK WASHER, #10
51	H186125GS	BRACKET, Muffler
52	H186030GS	BASE, Muffler Box
53	56893GS	CRIMPTITE, 10 - 24 x 1/2"
54	A6344GS	FITTING, Barbed, 90°, 1/8" NPT
55	186790DGS	WIRE, Ground
56	806425	GASKET, Manifold
57	195143GS	KIT, Manifold with Gaskets
58	186062GS	GASKET, Manifold, Muffler
59	*	HHCS, 5/16" x 3/4" SEMS
60	B4260GS	DISK, Air Blocker
61	*	PPHMS, #4 - 40 x .019"
62	186205GS	SWITCH, Thermodisk Oil Temp.
63	*	LOCKWASHER, #4 Int. Tooth
64	186206GS	PLATE, Oil Temp Switch
65	NSP	ASSY, Alternator (see page 10)
66	*	HHCS, 3/8 - 16 x 1-1/4"
67	H186320GS	DEFLECTOR, 45° Muffler Box
68	H186038GS	BOX, Muffler
69	192676GS	MUFFLER
70	189295GS	WASHER, .432 x 1 x .064
71	185939CGS	CABLE, Starter
72	189294GS	E-RING
74	186790CGS	WIRE, Ground
75	59637GS	TAPTITE, 3/8" - 16 x 3/4"
76	B4986AGS	DECAL, Ground, Green
77	186551GS	INSULATION, Fuel Hose
78	26915GS	NIPPLE, 3/4" NPT
79	*	SHCS, M8 - 1.25 x 20
80	*	NUT, M8 - 1.25
81	187277GS	SCREEN, Spark Arrestor w/screws
82	H189951GS	TRAY, Battery Support
85	*	NUT, M10 - 1.5
86	*	WASHER, Shakeproof, M10
87	*	LOCKWASHER, M10
88	A6344GS	FITTING, Barb, 90°
89	186647GS	DECAL, Warning Outdoor Use Only
90	193506GS	DECAL, Hot Surface
900	§	ENGINE
Parts Not Illustrated		
	275368	MANUAL, Engine
	191041GS	KIT, LED Remote
	B3518GS	CAP, Funnel, Oil Bottle
	192385GS	MANUAL, Install
	192384GS	MANUAL, Owners
	B5053GS	ASSY, Key
	B5478GS	PAINT, Touch-Up
	190824GS	HOSE, Flex
	193873GS	KIT, Sound Shield
	195200GS	DECAL, Attn Standby Equipment
Optional Accessories		
	01915	WARMER, Battery, 240 Volt
	01916	WARMER, Oil, 240 Volt

* - Items without part numbers are common fasteners and are available at your local hardware store.

§ - Contact Engine Manufacturer

ENCLOSURE EXPLODED VIEW



ENCLOSURE PARTS LIST

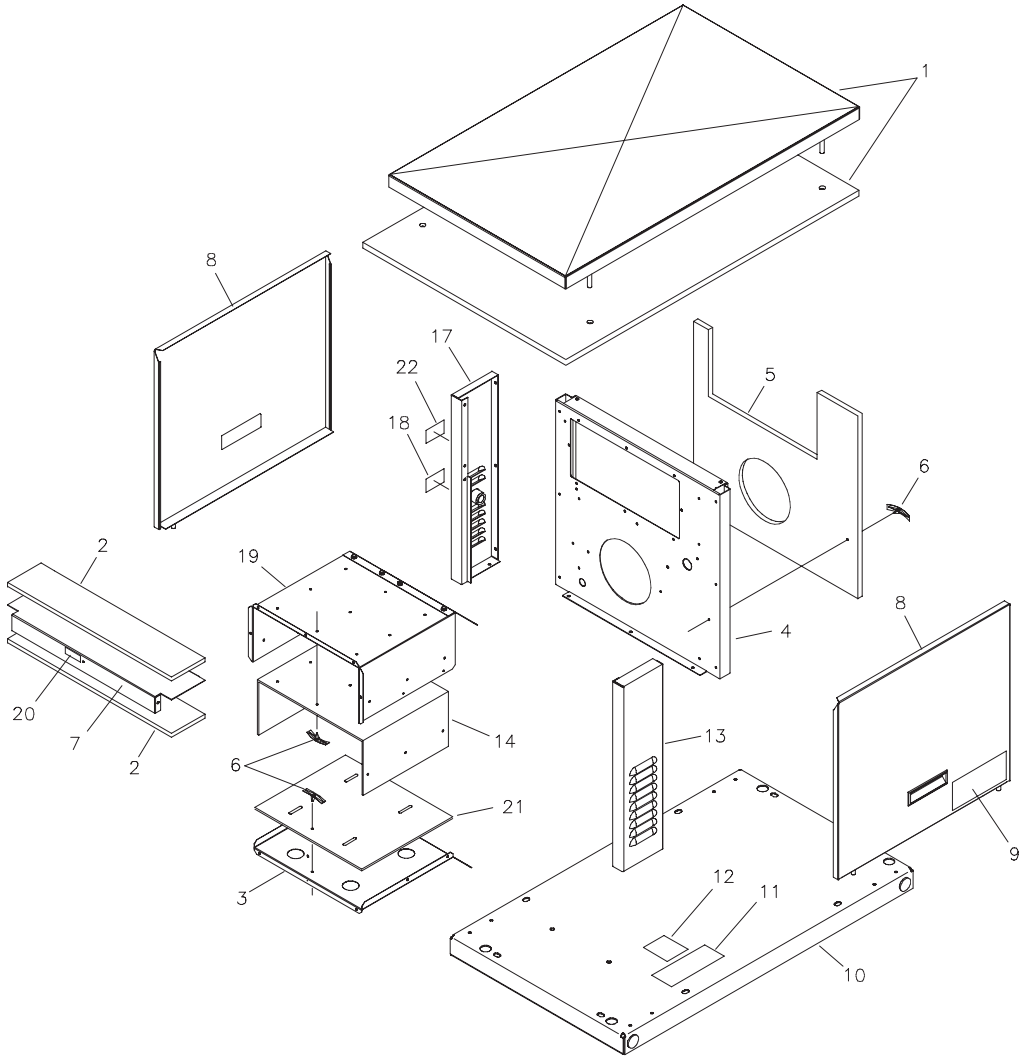
Item	Part #	Description
1	186564GS	PAD, Foundation Base w/ Holes
2	H185972GS	BASE, Mounting
3	186061GS	BUSHING, Stem
4	191410GS	ASSY, Door, Alt., SRV (includes 2 of item 3, 1 of item 5)
5	186049GS	HANDLE, Door, Recessed Pull
6	189792GS	PPHMS, #10-32 x 5/8"
7	191408GS	ASSY, Corner, RH, SRV (includes insulation)
8	B4300GS	SWAG BOLT, 1/4" - 20
9	H185968GS	BAFFLE, Horizontal, Alt. Side
10	191409GS	ASSY, Corner, LH, SRV (includes insulation)
11	H185965GS	PANEL, Muffler Air Out
13	H191972GS	BULKHEAD, Alternator Side
14	B5053GS	KEY, Lock
15	186172GS	ASSY, Lock/Doors
16	191406GS	ASSY, Door, SRV (includes insulation, 2 of item 3, 1 of item 5)
17	H186046GS	RAIL, Support Upper Front/Back
18	H187234GS	ROOF, with Insulation
19	H185963GS	CORNER, Engine Air Inlet Right
20	H186047GS	RAIL, Support Upper Engine Side
21	H185969GS	DOOR, Engine Air Inlet
22	H185964GS	CORNER, Engine, Left Side
23	H187235GS	BAFFLE, with Insulation
24	74908GS	TAPTITE, M5
25	B4986AGS	DECAL, Ground
26	186173GS	BUSHING, Snap, 1" I.D.
27	H185967GS	BULKHEAD, Engine Side
28	186065GS	SEAL, Foam Engine Air Inlet
29	191994GS	SEAL, Foam Alternator Air Inlet
30	H186760GS	COVER, Control Panel
31	*	HHCS, 3/8" - 16 x 1"
32	185976GS	PLUG, Hole 1-1/8"
33	*	FLATWASHER, 3/8"
34	*	LOCKWASHER, 3/8"
35	*	NUT, 3/8"
36	187060GS	CLAMP, 3/4" Nylon
37	192767GS	CLAMP, 1/4" Nylon
38	192344GS	WIRE HARNESS, Engine
39	B5082AGS	DECAL, Danger High Voltage
40	*	FLATWASHER, M6
41	67885GS	NUT, Nylock M6 x 1.0
42	186790AGS	WIRE, Ground, To Control Panel
43	186345GS	LUG, Ground
44	186642GS	DECAL, LP/Natural Gas
45	192467GS	DECAL, Terminal Strip
46	NSP	TIE WRAP, 4" Black
47	*	WASHER, Ext. M6 - 1/4" Shakeproof
48	186174GS	CAMBAR, Lock
49	194415GS	RUBBER WASHER

Parts Not Shown

	187008GS	KIT, Door Seal

* - Items without part numbers are common fasteners and are available at your local hardware store.

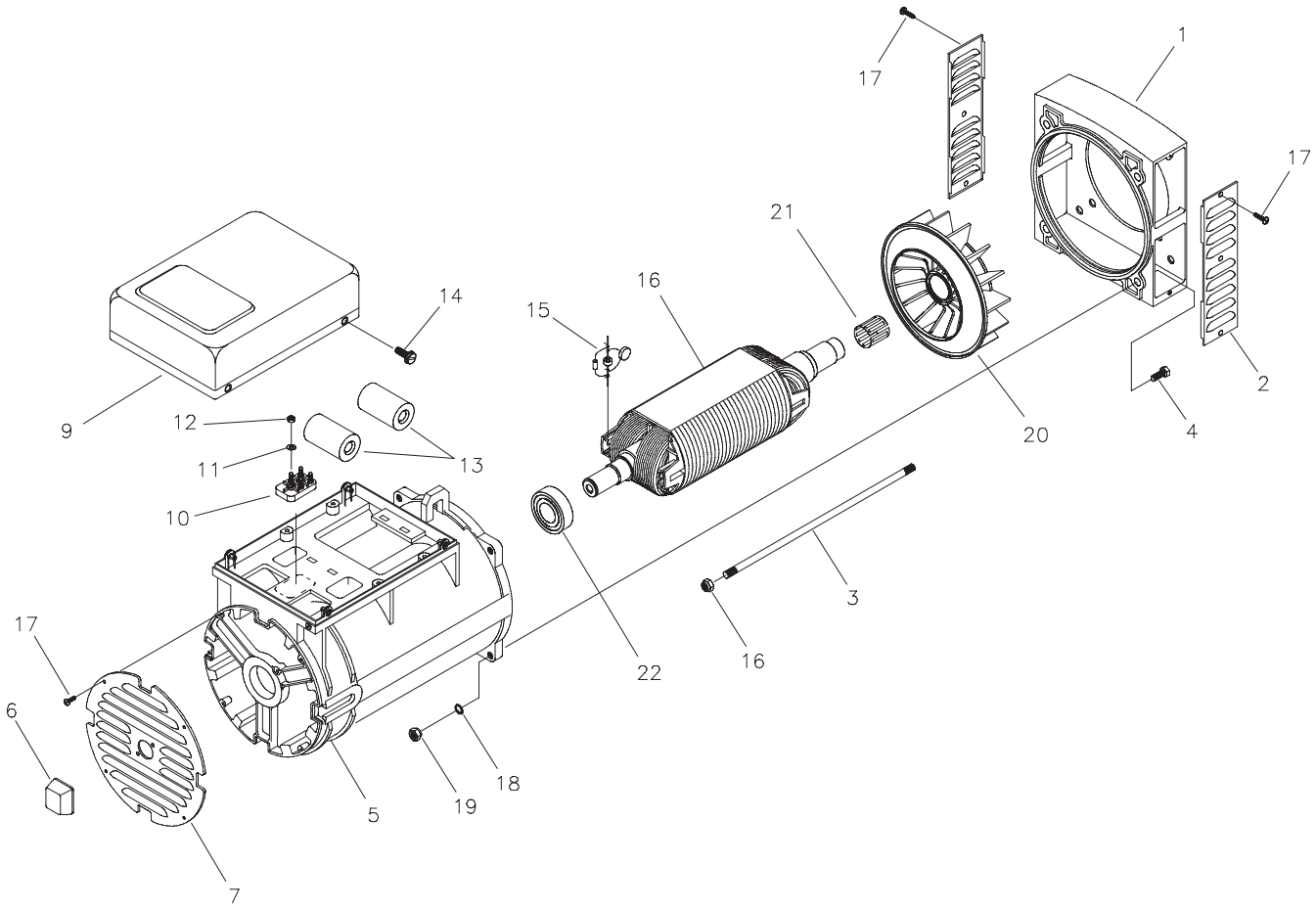
INSULATION SET EXPLODED VIEW AND PARTS LIST



Item	Part #	Description
1	H187234GS	ROOF, with Insulation
2	186188GS	INSULATION, Baffle Alt. Side
3	H186030GS	BASE, Muffler Box
4	H191972GS	BULKHEAD, Alternator Side
5	191984GS	INSULATION, Bulk Head Alt.. End
6	B4772GS	CLIPS, Dart
7	H185968GS	BAFFLE, Horizontal, Alt. Side
8	191406GS	ASSY, Door, SRV (includes insulation)
9	190849GS	DECAL, Unit
10	H185972GS	BASE, Mounting
11	186641GS	DECAL, Operation Instructions

Item	Part #	Description
12	186646GS	DECAL, Warning Engine Can Start
13	191408GS	ASSY, Corner, RH, SRV (includes insulation)
14	186351GS	INSULATION, Muffler Box
17	191409GS	ASSY, Corner, LH, SRV (includes insulation)
18	186643GS	DECAL, Fuel Inlet
19	H186038GS	BOX, Muffler
20	77816AGS	DECAL, Hot Muffler
21	186352GS	INSULATION, Muffler Base
22	195642GS	DECAL, Rainproof

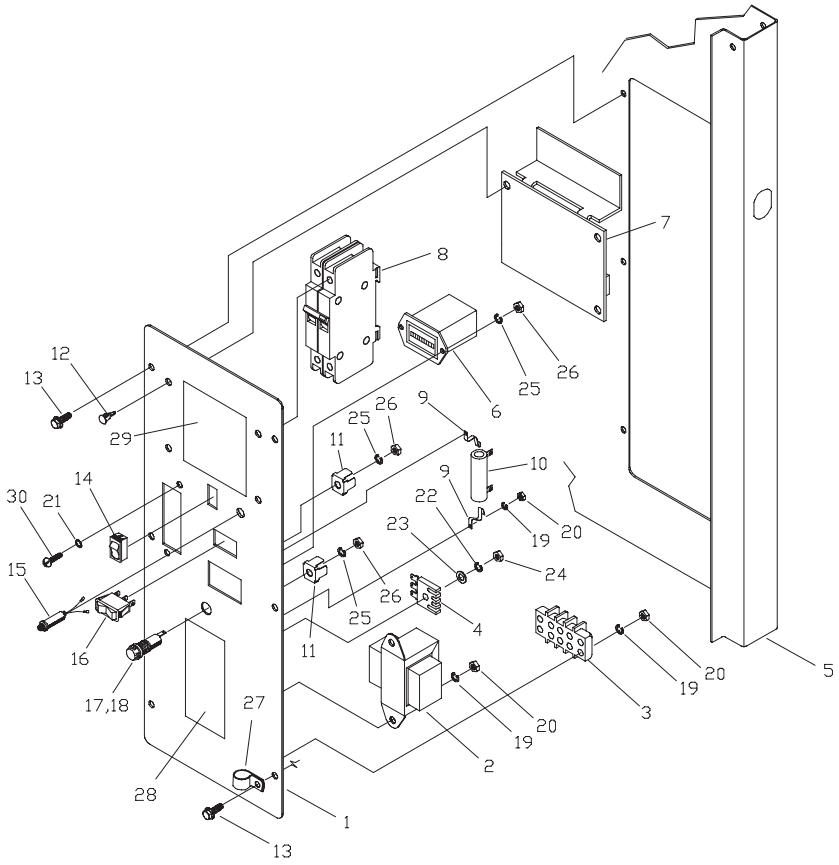
ALTERNATOR EXPLODED VIEW AND PARTS LIST



Item	Part #	Description
1	192970GS	BRACKET, Drive End
2	192973GS	SCREEN, Protection
3	B4908GS	BOLT, Shaft Stay
4	*	SCREW, Socket Head Cap
5	192969GS	FRAME and Stator
6	192962GS	PLUG, Rubber Grid
7	192966GS	GRID
9	192967GS	BOX, Terminal Lid
10	192968GS	TERMINAL BOARD
11	*	WASHER, Flat, #10 - M5
12	*	NUT, 10 - 32
13	192974GS	CAPACITOR
14	*	PPHMC, 10 - 32 x 3/4
15	192972GS	DIODE
16	192971GS	ROTOR
17	*	SCREW, M8 x 1.25 x 35mm
18	*	WASHER, Shakeproof, Ext M6 - 1/4
19	*	NUT, 1/4 - 20
20	206897GS	FAN
21	206927GS	RING, Fixing
22	206594GS	BEARING

* - Items without part numbers are common fasteners and are available at your local hardware store.

CONTROL PANEL EXPLODED VIEW AND PARTS LIST



Item	Part #	Description
1	190902GS	CONTROL PANEL, with Silk Screen
2	192366GS	TRANSFORMER
3	192320GS	STRIP, Terminal
4	65795GS	RECTIFIER, Battery Charge
5	H185967GS	BULKHEAD, Engine Side
6	77604GS	HOUR METER
7	191652GS	CONTROL BOARD
8	190818LGS	CIRCUIT BREAKER, 60 Amp
9	B4893GS	BRACKET, Resistor
10	B4867GS	RESISTOR, 25W, .5 OHM
11	57345GS	NEUTRAL, 4 Prong
12	186413GS	STANDOFF, Control Board
13	B4300GS	BOLT, Swage, 1/4"- 20
14	87799GS	SWITCH, Set Exercise
15	B5133GS	DIODE, Light
16	186443GS	SWITCH, Auto/Off/Manual
17	191302GS	HOLDER, Fuse
18	22676GS	FUSE, 15 Amp AGC
19	*	LOCK WASHER, M4
20	*	NUT, M4 - 0.7
21	*	WASHER, Int. Shakeproof, #6
22	*	LOCK WASHER, M5
23	*	FLAT WASHER, M5
24	*	NUT, M5 - 0.8
25	*	LOCK WASHER, M3
26	*	NUT, M3 - 0.5
27	187060GS	CLAMP, Cable 3/4" I.D.
28	186645GS	DECAL, Caution Electrical Shock
29	186648GS	DECAL, Control Panel Fault Description
30	* (36902)	PPHMS, #6 - 32 x 1/2"

PARTS NOT ILLUSTRATED

201057GS	ASSY, Connector Service

* - Items without part numbers are common fasteners and are available at your local hardware store.